



{In Archive} Re: GE Auburn - Single-Hole Pneumatic Test Data

David A Eckhardt

238587



to:

Isabel Rodrigues

06/20/2008 11:28 AM

Cc:

"John H Williams", kjkelly, "Klerides, Demetrios", "Mayo, Joseph", " JD", Robert Alvey

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From: David A Eckhardt <daeckhar@usgs.gov> Sort List...

To: Isabel Rodrigues/R2/USEPA/US@EPA

Cc: "John H Williams" <jhwillia@usgs.gov>, kjkelly@gw.dec.state.ny.us, "Klerides, Demetrios" <KleridesD@cdm.com>, "Mayo, Joseph" <MayoJJ@cdm.com>, " JD" <DoughertyJN@cdm.com>, Robert Alvey/R2/USEPA/US@EPA

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1 Attachment



B-48D3\_test3.xls

I downloaded the conversion software and used it on the GE/OBG well-test data.  
An example of the converted file and a simple plot of the test data is attached.  
The data will be very useful in our analysis of the hydraulic properties at the GE wells.

—Dave

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"Hare, Paul (GE, Corporate)" <paul.hare@ge.com>

06/20/2008 10:02 AM

To <Rodrigues.Isabel@epamail.epa.gov>, <kjkelly@gw.dec.state.ny.us>, "David A Eckhardt" <daeckhar@usgs.gov>, "Klerides, Demetrios" <KleridesD@cdm.com>, "Mayo, Joseph" <MayoJJ@cdm.com>, "John H Williams" <jhwillia@usgs.gov>

cc "Morse, Ralph (GE, Corporate, non-ge)" <morsere@obg.com>

Subject Auburn - Single-Hole Pneumatic Test Data

Two ZIP files are attached that have the miniTROLL datalogger output from the single-hole pneumatic tests that OBG conducted in the various D3 wells. One ZIP file has the data files for cluster B-49. The other ZIP file has the data files for the other D3 wells. When you open up each ZIP file, you will see the well ID in the name of each data file.

The data files in the ZIP files are binary. In-Situ has a free downloadable software package to convert these into XLS files and then manipulate as you wish. Here is the link:

[http://www.in-situ.com/In-Situ/Downloads/Downloads\\_Software.php](http://www.in-situ.com/In-Situ/Downloads/Downloads_Software.php)

Look for In-Situ's "Data Manager" software, version 3.7 or higher, miniTROLL compatible.

Let Ralph and me know if you have any questions or have any problems.

<<B-49 Cluster.zip>> <<D3 wells.zip>>

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**From:** Hare, Paul (GE, Corporate)

**Sent:** Thursday, June 12, 2008 1:03 PM

**To:** 'Rodrigues.Isabel@epamail.epa.gov'; 'kjkelly@gw.dec.state.ny.us'; 'David A Eckhardt'; 'Klerides, Demetrios'; 'Mayo, Joseph'; John H Williams

**Cc:** Morse, Ralph (GE, Corporate, non-ge)

**Subject:** Auburn - Pneumatic Crosshole Test

OBG performed the pneumatic crosshole testing on 6/5. Two tests were performed, both in B-32D3, while also monitoring B-31D3 and B-33D3. The pressure used for each test was different (i.e., 7 and 12 psi [equivalent to 16 and 28 feet of water, respectively]). However, for each test, OBG increased the pressure on B-32D3. This took a few minutes. OBG then let the system stabilize for 30 minutes, and then released the pressure in B-32D3.

Two XLS files are attached. One has the head data for B-32D3, the other has the head data for B-31D3 and B-33D3.

<< File: Crosshole Test.xls >> << File: Crosshole Mon.xls >>

Two figures are also attached. Figure 1 shows all of the data for both tests in all three wells. Figure 2 shows a portion of the data using a larger vertical scale.

<< File: Crosshole Test\_060508\_Fig1.pdf >> << File: Crosshole Test\_060508\_Fig2.pdf >>

**Paul Hare**

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GE imagination at work

[attachment "B-49 Cluster.zip" deleted by David A Eckhardt/WRD/USGS/DOI] [attachment "D3 wells.zip" deleted by David A Eckhardt/WRD/USGS/DOI]